

NUT SHELL

LOST CIRCULATION MATERIAL

NUT SHELL is ground walnut shells, available in three grades: Fine, Medium and Coarse, ranging in size from 6-100 mesh. NUT SHELL is used to help combat lost circulation in water and oil-based fluids. All grades may be used alone or in combination with other materials for LCM-spotting fluids and high filtration squeezes. NUT SHELL may also be used in the active system to help prevent lost returns. NUT SHELL is also used as a mechanical friction reducer in deviated holes.

FEATURES AND BENEFITS:

- Compatible with other LCM materials.
- High strength.
- Inert and does not react with other additives
- Compatible with brines, oils, etc.
- Size can be matched to the type of lost circulation encountered.
- May be used as a friction reducer in deviated holes and to reduce bit- and BHA-balling.

RECOMMENDED TREATMENT:

10-30 kg/m³ (typically) or as required.

PHYSICAL PROPERTIES:

Appearance:	Brown granules
Specific Gravity:	2.2
Solubility:	Insoluble
pH:	N/A

MIXING/HANDLING:

Mix slowly through conventional jet hopper. Refer to the SDS for specific handling requirements.

MICROTOX[®] THRESHOLD: TBD

PACKAGING: 22.68 kg bag / 40 bags/pallet